

Curcuma et Boswellia, les plantes phares de l'inflammation



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BIBLIOGRAPHIE

- [1] Bäumler, Siegfried. *Heilpflanzenpraxis heute 1: Arzneipflanzenporträts*. 3. Auflage. München : ElsevierGmbH, 2021.
- [2] Achmüller, Arnold. Curcumawurzelstock & Javanische Gelbwurz. *ÖAZ Österreichische Apothekerzeitung*. Juni 2022, 13, pp. 44-47.
- [3] Schilcher, Heinz (Hrsg.). *Leitfaden Phytotherapie*. München : Urban & Fischer Elsevier GmbH, 2016.
- [4] Oon, S. F. et al. Xanthorrhizol: a review of its pharmacological activities and anticancer properties. *Cancer Cell Int*. 2015 Oct 21. 21 Octobre 2015.
- [5] Europe, EDQM Council of. Pharmacopoea Europaea, Ph. Eur. 11. Strasbourg : EDQM Council of Europe, 2023.
- [6] EMA, Committee on Herbal Medicinal Products (HMPC). European Union herbal monograph on Curcuma longa L., final. [En ligne] 25 Septembre 2018. [Citation : 20 Juillet 2025.] https://www.ema.europa.eu/en/documents/herbal-monograph/final-european-union-herbal-monograph-curcuma-longa-l-rhizoma-revision-1_en.pdf.
- [7] EMA, Community herbal monograph on Curcuma xanthorrhiza Roxb. (C. xanthorrhiza D. Dietrich), rhizoma. [En ligne] 28 Janvier 2014. [Citation : 20 Juillet 2025.] https://www.ema.europa.eu/en/documents/herbal-monograph/final-community-herbal-monograph-curcuma-xanthorrhiza-roxb-c-xanthorrhiza-d-dietrich-rhizoma_en.pdf.
- [8] Phytotherapy, European Scientific Cooperative on. *ESCOP monographs The Scientific Foundation for Herbal Medicinal Products: Curcuma longae rhizoma*. Stuttgart : Thieme Verlag, 2003.
- [9] Phytotherapy, European Scientific Cooperative on. *ESCOP monographs The Scientific Foundation for Herbal Medicinal Products*. Suppl. 2nd edition. Stuttgart : Thieme Verlag, 2009.
- [10] WHO, World Health Organisation. *WHO monographs on selected medicinal plants: Vol. 1*. Genève : WHO Library Cataloguing in Publication Data, 1999.
- [11] Bäumler, Siegfried. *Heilpflanzenpraxis heute 2: Rezepturen und Anwendung*. 3. Auflage. München : Elsevier GmbH, 2021.
- [12] Zeng, T. et al. Efficacy of adjuvant curcumin therapy in ulcerative colitis: A meta-analysis of randomized controlled trials. *Journal of Gastroenterology and Hepatology*. 2020 (35), pp. 722-729.
- [13] Bittel, M., Klose, P. et Langhorst, J. Kurkuma- und Curcuminoid-Behandlung bei Gonarthrose: Systematischer Überblick klinischer Studienergebnisse. *Zeitschrift für Phytotherapie*. 28 Novembre 2022 (43), pp. 243-249.
- [14] Nieber, K. Curcumin Antiinflammatorische Wirkung, neue Applikationsformen und klinische Studien. *Zeitschrift für Phytotherapie*. 2015 (36), pp. 63-68.
- [15] Henrotin, Y. et al. Bio-optimized Curcuma longa extract is efficient on knee osteoarthritis pain: a double-blind multicenter randomized placebo controlled three-arm study. *Arthritis research & therapy* 21 (1):179. . 27 Juillet 2019, p. 179.
- [16] Z. Jin et al. Curcumin exerts chondroprotective effects against osteoarthritis by promoting AMPK/PINK1/Parkin-mediated mitophagy. *Biomedicine & Pharmacotherapy*. 10 May 2022 (151).
- [17] Zimmermann, E. *Aromatherapie für Pflege- und Heilberufe*. Stuttgart : Haug Verlag, 2022.
- [18] WHO, World Health Organisation. *WHO monographs on selected medicinal plants: Vol. 4*. Genève : WHO Library Cataloguing-in-Publication Data, 2009.
- [19] Boden, S. et al. Stimulation of Leukotriene Synthesis in Intact Polymorphonuclear Cells by the 5-Lipoxygenase Inhibitor 3-oxo-Tirucallal Acid. *Molecular Pharmacology*. Août 2001 (60/2), pp. 267-273.
- [20] Yu, G. et al. Effectiveness of Boswellia and Boswellia extract for osteoarthritis patients: a systematic review and meta-analysis. *BMC Complement Med Ther*. 17 Juillet 2020 (20/1).
- [21] Majeed, M. et al. A pilot, randomized, double-blind, placebo-controlled trial to assess the safety and efficacy of a novel Boswellia serrata extract in the management of osteoarthritis of the knee. *Phytother Res*. May 2019, pp. 1457- 1468.
- [22] Sontakke, S. et al. Open, Randomized, Controlled Clinical Trial of Boswellia serrata extract as compared to valdecoxib in osteoarthritis of knee. *Indian Journal of Pharmacology*. February 2007 (39/1), pp. 27-29.
- [23] Chrubasik, Sigrun. Weihrauch (Boswellia serrata). [En ligne] 4 Avril 2021. [Citation : 20 Juillet 2025.] https://www.uniklinik-freiburg.de/fileadmin/mediapool/08_institute/rechtsmedizin/pdf/Addenda/Paper_21-01/Weihrauch.pdf.
- [24] Sterk, V. et al. Effect of Food Intake on the Bioavailability of Boswellic Acids from a Herbal Preparation in Healthy Volunteers. *Planta Medica*. Janvier 2005 (70/12), pp. 1155-60.
- [25] Wendt, Caroline. Auf die Galenik kommt es an. *Pharmazeutische Zeitung*. 30 Janvier 2018.
- [26] Jamwal, Rohitash. Bioavailable curcumin formulations: A review of pharmacokinetic studies in healthy volunteers. *Journal of Integrative Medicine*. 4 Juillet 2018, pp. 367-374.
- [27] BfArM, BVL. *Gemeinsame Expertenkommission zur Einstufung von Stoffen Stellungnahme zur Einstufung von Produkten, die Curcumin mit verbesserter Bioverfügbarkeit enthalten*. Berlin / Bonn : BfArM / BfArM, 2020.
- [28] Flory, S. et al. Increasing Post-Digestive Solubility of Curcumin Is the Most Successful Strategy to Improve its Oral Bioavailability: A Randomized Cross-Over Trial in Healthy Adults and In Vitro Bioaccessibility Experiments. *Mol. Nutr. Food Res*. 65. 1 Novembre 2021.
- [29] Schiborr, C. et al. The oral bioavailability of curcumin from micronized powder and liquid micelles is significantly increased in healthy humans and differs between sexes. *Mol. Nutr. Food Res*. 2014 (58), pp. 516-527.
- [30] Purpura, M. et al. Analysis of different innovative formulations of curcumin for improved relative oral bioavailability in human subjects. *Eur J Nutr*. 2018 (57), pp. 929-938.
- [31] Barani, Mahmood et al. Phytosomes as Innovative Delivery Systems for Phytochemicals: A Comprehensive Review of Literature. *International Journal of Nanomedicine*. 15 Octobre 2021, pp. 6983-7022.
- [32] Na Cui et al. Boswellic acids: a review on its pharmacological properties, molecular mechanism and bioavailability. *Traditional Medicine Research*. 8 Mai 2024.
- [33] Hüsch, Jan et al. Enhanced absorption of boswellic acids by a lecithin delivery form (Phytosome®) of Boswellia extract. *Fitoterapia*. 2013 (84), pp. 89-98.
- [34] Antony, B. et al. A Pilot Cross-Over Study to Evaluate Human Oral Bioavailability of BCM-95®CG (Biocurcuma™), A Novel Bioenhanced Preparation of Curcumin. *Indian J Pharm Sci*. Juillet-Août 2008 (70/4), pp. 445-449.
- [35] Tisserand, Robert et Young, Rodney. *Essential Oil Safety*. Edinburgh : Elsevier, 2014.
- [36] Ziegenhagen et al. Safety Aspects of the Use of Isolated Piperine Ingested as a Bolus. *Foods*. 2021 (10).
- [37] Horn, J. et Hansten, P. Piperine Drug Interactions. *Pharmacy Times*. 28 Juillet 2017 (83/7).
- [38] Moll, Diana. Nahrungsergänzungsmittel mit Piperin - Vorsicht Arzneimittelwechselwirkungen! [Éd.] Deutscher Apotheker Verband. *Deutsche Apotheker Zeitung*. 4 Juillet 2022.
- [39] Risikobewertung, Bundesinstitut für. Nahrungsergänzungsmittel mit Piperin. Das Wissenschaftsmagazin des Bundesinstituts für Risikobewertung. 2019 (1), p. 27.
- [40] Gouvernement du Luxembourg, Ministère de la Santé. Pipérine et extraits de poivre hautement concentrés. *Conseil de la consommation*. 2 Juin 2022.
- [41] Zeitung, Deutsche Apotheker. Curcumin-Nahrungsergänzungsmittel besser ohne Piperin? *Deutsche Apotheker Zeitung*. 7 Février 2022.
- [42] ANSES. www.anses.fr. [En ligne] ANSES, 27 Juin 2022. [Citation : 2025 Juillet 18.] <https://www.anses.fr/fr/content/des-effets-ind%C3%A9sirables-li%C3%A9s-%C3%A0-la-consommation-de-compl%C3%A9ments-alimentaires-tenant-du>.
- [43] Psiberg. <https://psiberg.com/micelle-formation/>. [En ligne] [Citation : 20 Juillet 2025.] <https://psiberg.com/wp-content/uploads/2022/04/micelles-formation.svg>.
- [44] <https://en.wikipedia.org/wiki/%CE%93-Cyclodextrin>. [En ligne] 6 Mars 2024. [Citation : 21 Juillet 2025.] https://upload.wikimedia.org/wikipedia/commons/thumb/d/df/Gamma_CD_cone_shape.jpg/330px-Gamma_CD_cone_shape.jpg.